Serial No.: 10/634,778

Docket No. H64-154704M/MNN

NGB.281

AMENDMENTS TO THE CLAIMS:

Please amend the claims as follows:

- 1. (Previously Presented) A paper treating unit comprising:
- a paper exhausting roller that delivers paper passed from a paper exhausting unit in a paper proceeding direction;
 - a paper loading table that loads the paper at a paper loading position;
- a first paper aligning member that regulates the position of the paper in the paper proceeding direction;
- a first sliding unit for sliding back and forth said first paper aligning member, said first paper aligning member regulating the position of the paper by sliding back and forth in the paper proceeding direction;
- a second paper aligning member disposed upstream of the first paper aligning member in the paper proceeding direction to regulate the position of the paper in the paper proceeding direction;
- a third paper aligning member disposed along the paper proceeding direction to regulate the position of the paper in a width direction perpendicular to the paper proceeding direction;
- a second sliding unit for sliding back and forth said third paper aligning member, said third paper aligning member regulating the position of the paper by sliding back and forth in the width direction perpendicular to the paper proceeding direction; and
- a position detecting unit that detects the position of the first paper aligning member, the second paper aligning member and the third paper aligning member.

Serial No.: 10/634,778

Docket No. H64-154704M/MNN

NGB.281

wherein the first paper aligning member and the third paper aligning member are disposed independently of the paper loading table.

- 2. (Original) The paper treating unit according to claim 1, wherein the first paper aligning member and the third paper aligning member are disposed above the paper loading table.
- 3. (Original) The paper treating unit according to claim 1, further comprising: an upper face detecting unit that detects the uppermost position of the paper loaded on the paper loading table; and

a table driving mechanism that moves up or down the paper loading table depending on the uppermost position of the paper detected by the upper face detecting unit.

- (Previously Presented) The paper treating unit according to claim 1, 4. further comprising another third paper aligning member separated from the third paper aligning member in the width direction perpendicular to the paper proceeding direction to regulate the position of the paper in the width direction.
- 5. (Currently Amended) The paper treating unit according to claim 1, further comprising wherein:

said first sliding unit comprises a first driving mechanism that drives the first paper aligning member; and

said second sliding unit comprises a second driving mechanism that drives the third paper aligning member independently of the first driving mechanism.

Serial No.: 10/634,778

Docket No. H64-154704M/MNN

NGB.281

6. (Previously Presented) The paper treating unit according to claim 1,

wherein the first paper aligning member and the third paper aligning member are slid by the first and second sliding units, respectively, once back and forth every time the paper is exhausted from the paper exhausting unit.

7. (Previously Presented) The paper treating unit according to claim 4, wherein said third paper aligning member and said another third paper aligning member form a pair of third paper aligning members,

wherein the paper exhausting roller delivers the paper in the paper proceeding direction while delivering the paper in the width direction; and

one of the pair of third paper aligning members is stopped and the other is slid back and forth in the width direction.

8. (Previously Presented) The paper treating unit according to claim 1,

wherein the first paper aligning member is slid back and forth, by said first sliding unit, between a first standby position separated, by a predetermined distance in the paper proceeding direction, from the paper loading position and a position around an end of the paper loading position, immediately after the paper is loaded on the paper loading table.

9. (Original) The paper treating unit according to claim 8,

wherein the first paper aligning member is slid back and forth by a distance of 3mm or less from the first standby position.

Serial No.: 10/634,778

Docket No. H64-154704M/MNN

NGB.281

10. (Previously Presented) The paper treating unit according to claim 1,

wherein the third paper aligning member is slid back and forth, by said second sliding unit, between a second standby position separated, by a predetermined distance in the perpendicular direction, from the paper loading position and a position around an end of the paper loading position, immediately after the paper is loaded on the paper loading table.

11. (Currently Amended) The paper treating unit according to claim + 5, further comprising:

an upper unit disposed above the paper loading table;

wherein the upper unit is provided with the first paper aligning member, the third paper aligning member, the first driving mechanism and the second driving mechanism.

12. (Previously Presented) The paper treating unit according to claim 1, wherein the paper exhausting unit is adapted for use with an image forming apparatus; and

the paper treating unit is disposed adjacent to the image forming apparatus.

13. (Previously Presented) An image forming apparatus system, comprising: an image forming apparatus that forms an image on paper; and a paper treating unit;

wherein the paper treating unit includes:

a paper exhausting roller that delivers the paper passed from the image forming apparatus in a paper proceeding direction;

a paper loading table for loading the paper at a paper loading position;

' Serial No.: 10/634,778

Docket No. H64-154704M/MNN

NGB.281

a first paper aligning member that regulates the position of the paper in the paper proceeding direction;

a first sliding unit for sliding back and forth said first paper aligning member, said first paper aligning member regulating the position of the paper by sliding back and forth in the paper proceeding direction;

a second paper aligning member disposed upstream of the first paper aligning member in the paper proceeding direction to regulate the position of the paper in the paper proceeding direction;

a third paper aligning member disposed along the paper proceeding direction to regulate the position of the paper in a width direction perpendicular to the paper proceeding direction:

a second sliding unit for sliding back and forth said third paper aligning member, said third paper aligning member regulating the position of the paper by sliding back and forth in the width direction perpendicular to the paper proceeding direction; and

a position detecting unit that detects the position of the first paper aligning member, the second paper aligning member and the third paper aligning member; and

the first paper aligning member and the third paper aligning member are disposed independently of the paper loading table.

14. (Previously Presented) A paper treating unit comprising:

a paper exhausting roller that delivers paper passed from a paper exhausting unit in a paper proceeding direction;

a paper loading table that loads the paper at a paper loading position:

Serial No.: 10/634,778

Docket No. H64-154704M/MNN

NGB.281

first regulating means for regulating the position of the paper in the paper proceeding direction;

7

first sliding means for sliding back and forth said first regulating means, said first regulating means regulating the position of the paper by sliding back and forth in the paper proceeding direction;

second regulating means, disposed upstream of the first regulating means in the paper proceeding direction, for regulating the position of the paper in the paper proceeding direction:

third regulating means, disposed along the paper proceeding direction, for regulating the position of the paper in a width direction perpendicular to the paper proceeding direction;

second sliding means for sliding back and forth said third regulating means, said third regulating means regulating the position of the paper by sliding back and forth in the width direction perpendicular to the paper proceeding direction; and

position detecting means for detecting the position of the first regulating means, the second regulating means and the third regulating means,

wherein the first regulating means and the third regulating means are disposed independently of the paper loading table.

This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

□ BLACK BORDERS
□ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
□ FADED TEXT OR DRAWING
□ BLURRED OR ILLEGIBLE TEXT OR DRAWING
□ SKEWED/SLANTED IMAGES
□ COLOR OR BLACK AND WHITE PHOTOGRAPHS
□ GRAY SCALE DOCUMENTS
□ LINES OR MARKS ON ORIGINAL DOCUMENT
□ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY

IMAGES ARE BEST AVAILABLE COPY.

OTHER:

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.